

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Cancelled)
2. (Cancelled)
3. (Previously Presented) ~~The A~~ vehicular headlamp ~~according to claim 2, comprising:~~
an optical system comprising at least one of a reflector and a lens; and
a semiconductor light-emitting device comprising at least one semiconductor light-emitting element for forming a first illuminating beam and at least one semiconductor light-emitting element for forming a second illuminating beam, wherein:
said illuminating beams are switchable by selectively activating selected ones of said light-emitting elements for forming said first and second illuminating beams;
said first illuminating beam is a high beam and said second illuminating beam is a low beam;
wherein:
each of said light-emitting elements has a horizontally elongated shape, extending in a horizontal direction orthogonal to an optical axis of said light-emitting device, and

a light distribution pattern is formed by expanding a light source image of said light-emitting elements mainly in said horizontal direction with said optical system.

4. (Previously Presented) The vehicular headlamp according to claim 3, wherein:

said light-emitting device comprises a device lens,

said light-emitting elements for forming said high and low beams are each one in number;

said light-emitting element for forming said high beam has a rectangular shape viewed in the direction of said optical axis of said light-emitting device; and

a long side of said light-emitting element for forming said high beam intersects with and is orthogonal to a center axis of said device lens of said light-emitting device.

5. (Original) The vehicular headlamp according to claim 4, wherein a distance between one long side of the two long sides of said light-emitting element for forming said high beam which is closer to said light-emitting element for forming said low beam and a center of said light-emitting element for forming said low beam is in a range of 0.3 to 1 mm in a direction orthogonal to a direction of said optical axis of said light-emitting device.

6. (Original) ~~The A vehicular lamp according to claim 1, headlamp comprising:~~

an optical system comprising at least one of a reflector and a lens;

a semiconductor light-emitting device comprising at least one semiconductor light-emitting element for forming a first illuminating beam and at least one semiconductor light-emitting element for forming a second illuminating beam, wherein said illuminating beams are switchable by selectively activating selected ones of said light-emitting elements for forming said first and second illuminating beams; and

~~further comprising~~ a light-shielding member provided between said at least one light-emitting element for forming said first beam and said at least one light-emitting element for forming said second beam.

7. (Currently Amended) A vehicular headlamp comprising:

an optical system comprising at least one of a reflector and a lens; and

a semiconductor light-emitting device comprising at least one semiconductor light-emitting element for forming a first illuminating beam and at least one semiconductor light-emitting element for forming a second illuminating beam, a base member on which said semiconductor light-emitting elements are mounted, and a device lens enveloping ~~each of~~ said light-emitting elements, wherein:

said illuminating beams are switchable by selectively activating selected ones of said light-emitting elements for forming said first and second illuminating beams; and

each of said light-emitting elements ~~are~~ is mounted at a position offset from an optical axis of said device lens.

8. (Previously Presented) The vehicular headlamp according to claim 7, wherein:

each of said light-emitting elements has a horizontally elongated shape, extending in a horizontal direction orthogonal to said optical axis of said device lens; and

a light distribution pattern is formed by expanding a light source image of said light-emitting elements mainly in said horizontal direction with said optical system.

9. (Currently Amended) The vehicular headlamp according to claim 8, wherein:

said light-emitting elements for forming said ~~high and low~~ first and second illuminating beams are each one in number;

said light-emitting element for forming said high beam has a rectangular shape viewed in the direction of said optical axis of said ~~light-emitting device~~ lens; and

a long side of said light-emitting element for forming said high beam intersects with and is orthogonal to a center axis of said lens of said light-emitting device.

10. (Currently Amended) The vehicular headlamp according to claim 9, wherein a distance between one long side of the two long sides of said light-emitting element for forming said high beam which is closer to said light-emitting element for forming said low beam and a center of said light-emitting element for forming said low beam is in a range of 0.3 to 1 mm in a direction orthogonal to a direction of said optical axis of said ~~light-emitting device~~ lens.

11. (Original) A vehicular lamp according to claim 7, further comprising a light-shielding member provided between said at least one light-emitting element for forming said first beam and said at least one light-emitting element for forming said second beam.

12. (Previously Presented) A vehicular ~~lamp according to claim 1~~, headlamp comprising:
an optical system comprising at least one of a reflector and a lens; and
a semiconductor light-emitting device comprising at least one semiconductor light-
emitting element for forming a first illuminating beam and at least one semiconductor light-
emitting element for forming a second illuminating beam, wherein:
said illuminating beams are switchable by selectively activating selected ones of said
light-emitting elements for forming said first and second illuminating beams; and
~~wherein~~ the semiconductor light-emitting device has a single optical axis.

13. (Previously Presented) A vehicular lamp according to claim 12, wherein the at least one semiconductor light-emitting element for forming a first illuminating beam and the at least one semiconductor light-emitting element for forming a second illuminating beam emit light along the single optical axis.

14. (Previously Presented) A vehicular ~~lamp according to claim 1~~, headlamp comprising:

an optical system comprising at least one of a reflector and a lens; and
a semiconductor light-emitting device comprising at least one semiconductor light-
emitting element for forming a first illuminating beam and at least one semiconductor light-
emitting element for forming a second illuminating beam, wherein:

said illuminating beams are switchable by selectively activating selected ones of said
light-emitting elements for forming said first and second illuminating beams;

~~wherein:~~

the semiconductor light-emitting device further comprises a device lens that covers, and is immediately adjacent to, the at least one semiconductor light-emitting element for forming the first illuminating beam and the at least one semiconductor light-emitting element for forming the second illuminating beam; and

the semiconductor light-emitting device has a single optical axis.

15. (Previously Presented) A vehicular lamp according to claim 7, wherein the at least one semiconductor light-emitting element for forming the first illuminating beam and the at least one semiconductor light-emitting element for forming the second illuminating beam emit light along the optical axis.

16. (Currently Amended) A vehicular lamp according to claim 7, wherein:

the device lens covers, and is immediately adjacent to, the at least one semiconductor light-emitting element for forming the first illuminating beam and the at least one semiconductor light-emitting element for forming the second illuminating beam;

the optical axis of said device lens ~~is the~~ corresponds to a single optical axis for the semiconductor light-emitting device.

17. (Currently Amended) A vehicular ~~lamp according to claim 1,~~ headlamp comprising:
an optical system comprising at least one of a reflector and a lens; and
a semiconductor light-emitting device comprising at least one semiconductor light-emitting element for forming a first illuminating beam and at least one semiconductor light-emitting element for forming a second illuminating beam, wherein:

said illuminating beams are switchable by selectively activating selected ones of said light-emitting elements for forming said first and second illuminating beams; and

~~wherein~~ the semiconductor light-emitting device houses the at least one semiconductor light-emitting element for forming the first illuminating beam and the at least one semiconductor light-emitting element for forming the second illuminating beam within a single connected volume defined below a single device lens.

18. (Previously Presented) A vehicular lamp according to claim 7, wherein the semiconductor light-emitting device houses the at least one semiconductor light-emitting element

for forming the first illuminating beam and the at least one semiconductor light-emitting element for forming the second illuminating beam within a single connected volume defined below the device lens.

19. (Previously Presented) A vehicular lamp according to claim 7, wherein the device lens is dome or hemispherically shaped.

20. (Previously Presented) A lighting system comprising:

an outer lens,

a light emitting element comprising: a base member; a semiconductor light-emitting device, on the base member, comprising a first semiconductor light-emitting element for forming a first illuminating beam and a second semiconductor light-emitting element for forming a second illuminating beam; and a device lens covering the first and second light-emitting elements,

wherein the first semiconductor light-emitting element and the second semiconductor light-emitting element are offset from an optical axis of the device lens.